

In the Claims

Please cancel claims 1, 2, 3, 6, 9, and 10.

Please replace claim 7 with the following:

B2 7. A system for analyzing the performance of a tape recorder having a record input and a playback head providing an output thereof, said system comprising:

(a) a signal generator comprising a serial arrangement of a microcontroller and a digital-to-analog converter for repeatedly generating for testing and adjustment purposes the presence of a predetermined waveform for a predetermined duration which is routed to the record input of the tape recorder;

(b) an analog-to-digital converter receiving the output of the playback head and providing a corresponding digital signal thereof;

(c) a digital signal processor that receives the digital signal and converts it into digital data representative of elementary components thereof; and

(d) means for receiving and analyzing the digital data to determine the performance of the tape recorder.

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cont Please replace claim 11 with the following:

11. A method for analyzing the performance of a tape recorder having a record input and a playback head providing an output thereof, said method comprising the steps of:

(a) providing a signal generator comprising a serial arrangement of a microcontroller and a digital-to-analog converter, said microcontroller having a look-up table comprising a plurality of selectable predetermined waveforms each in a digital format;